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AUG 30 2002

SEQUENCE LISTING

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X

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<120> THERAPEUTIC PORE-FORMING PEPTIDES

<130> 035879/0122

<140> 09/851,422

<141> 2001-05-09

<150> 60/203,063

<151> 2000-05-09

<150> 60/212,042

<151> 2000-06-16

<160> 12

<170> PatentIn Ver. 2.1

<210> 1

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<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

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<222> (10)..(13)
<223> This region may be selected from the group consisting of [epsilon-gamma]-Glu, [epsilon-gamma]-Glu-[alpha-gamma]-(Glu)1-3, [epsilon-alpha]-(Phe)1-3, [epsilon-alpha]-(Tyr)1-3, [epsilon-alpha]-(Trp)1-3, [epsilon-alpha]-(Lys)1-3 and [epsilon-alpha]-(Arg)1-3.

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<220>

<223> This molecule may encompass smaller embodiments according to the application as filed

31
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Gly Phe Ile Ala Thr Leu Cys Thr Lys Xaa Xaa Xaa Xaa Val Leu Asp
1 5 10 15

Phe Gly Ile Asp Lys Xaa Xaa Xaa Leu Ile Gln Leu Ile Glu Asp
20 25 30

Lys Xaa Xaa Xaa Xaa
35

<210> 2
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<212> PRT
<213> Artificial Sequence

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peptide

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-alpha]-(Phe)1-3, [epsilon-alpha]-(Tyr)1-3, [epsilon-alpha]
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-alpha]-(Phe)1-3, [epsilon-alpha]-(Tyr)1-3, [epsilon-alpha]
-(Trp)1-3, [epsilon-alpha]-(Lys)1-3 and [epsilon-alpha]-(Arg)1-3.

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-alpha]-(Phe)1-3, [epsilon-alpha]-(Tyr)1-3, [epsilon-alpha]
-(Trp)1-3, [epsilon-alpha]-(Lys)1-3 and [epsilon-alpha]-(Arg)1-3.

<220>
<223> This molecule may encompass smaller embodiments according
to the application as filed

<400> 2
Gly Ile Gly Ala Val Leu Lys Xaa Xaa Xaa Xaa Val Leu Thr Thr Gly
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Leu Pro Ala Leu Ile Ser Trp Ile Lys Xaa Xaa Xaa Xaa Arg Lys Xaa
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Xaa Xaa Xaa Arg Gln Gln
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32
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<210> 3
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<212> PRT
<213> Entamoeba histolytica

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1 5 10 15

Lys Leu Ile Gln Leu Ile Glu Asp Lys
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<210> 4
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<220>
<223> Cecropin A

C1
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Asp Gly Ile Ile Lys Ala Gly Pro Ala Val Ala Val Val Gly Gln Ala
20 25 30

Thr Gln Ile Ala Lys
35

<210> 5
<211> 35
<212> PRT
<213> Antheraea pernyi

<220>
<223> Cecropin B

<400> 5
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Asn Gly Ile Ile Lys Ala Gly Pro Ala Val Ala Val Leu Gly Glu Ala
20 25 30

Lys Ala Leu
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<210> 6
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<213> Antheraea pernyi

33
A

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<223> Cecropin D

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Ala Val Ile Ser Ala Gly Pro Ala Val Ala Thr Val Ala Gln Ala Thr
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Ala Leu Ala Lys
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<210> 7
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<212> PRT
<213> Apis mellifera

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Ile Ser Trp Ile Lys Arg Lys Arg Gln Gln
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peptide

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Lys Leu Ile Gln Leu Ile Glu Asp Lys Xaa
20 25

C)

<210> 10
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<220>
<221> MOD_RES
<222> (27)
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1 5 10 15

Lys Xaa Leu Ile Gln Leu Ile Glu Asp Lys Xaa
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peptide

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<220>
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<222> (25)
<223> [epsilon-gamma]-Glu

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Ile Ser Trp Ile Lys Xaa Arg Lys Xaa Arg Gln Gln
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<210> 12
<211> 30
<212> PRT
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<220>
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<223> [epsilon-gamma]-Glu-[alpha-gamma]-Glu

<220>
<221> MOD_RES
<222> (26)..(27)
<223> [epsilon-gamma]-Glu-[alpha-gamma]-Glu

<400> 12
Gly Ile Gly Ala Val Leu Lys Val Leu Thr Thr Gly Leu Pro Ala Leu
1 5 10 15
Ile Ser Trp Ile Lys Xaa Xaa Arg Lys Xaa Xaa Arg Gln Gln
20 25 30